



# IMPROVING PEDESTRIAN SAFETY AND ACCESSIBILITY



# Purpose

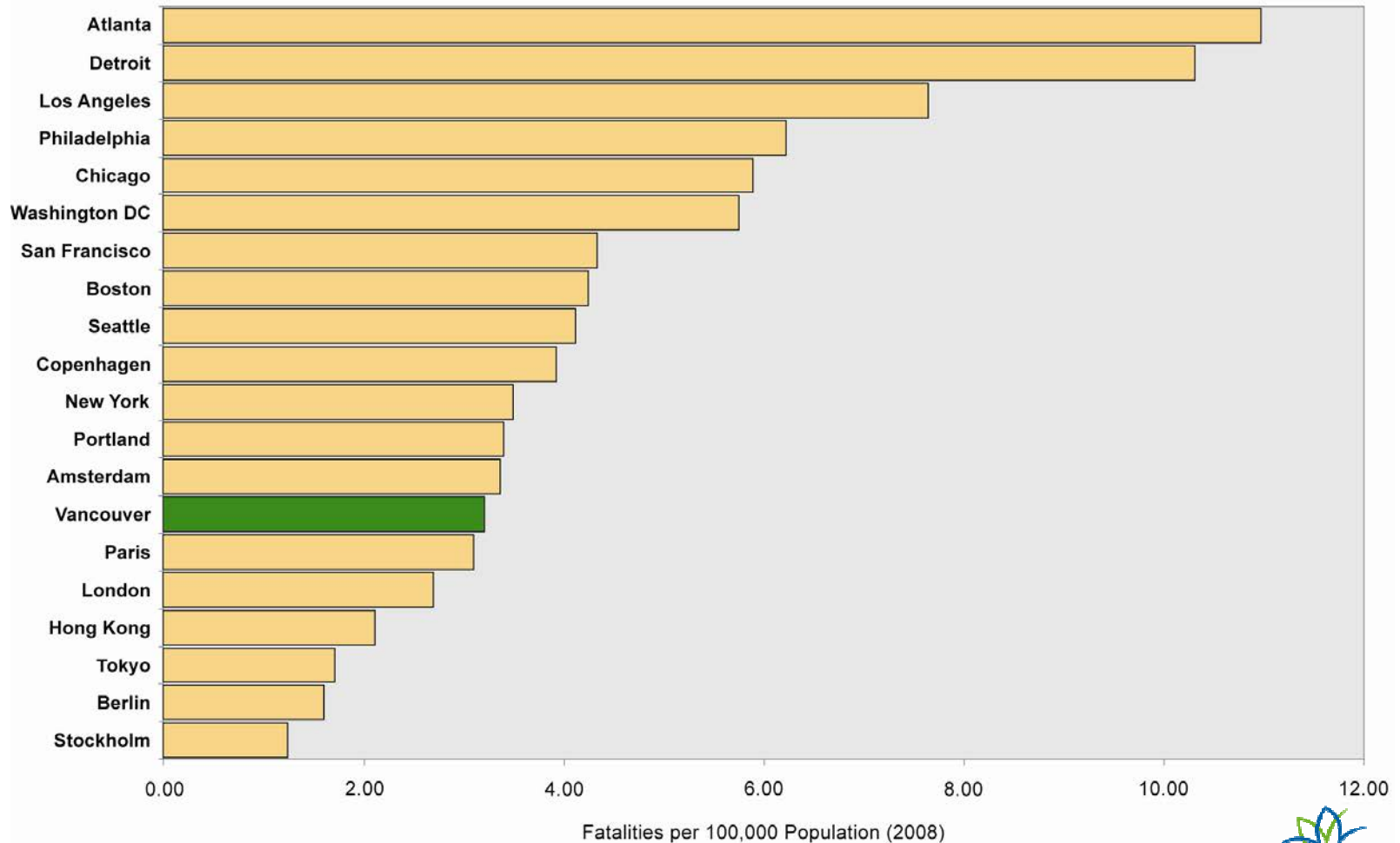
Immediate actions

Medium and long term actions

Strategies for improving pedestrian input into the transportation plan

# Total Traffic Fatalities Comparison

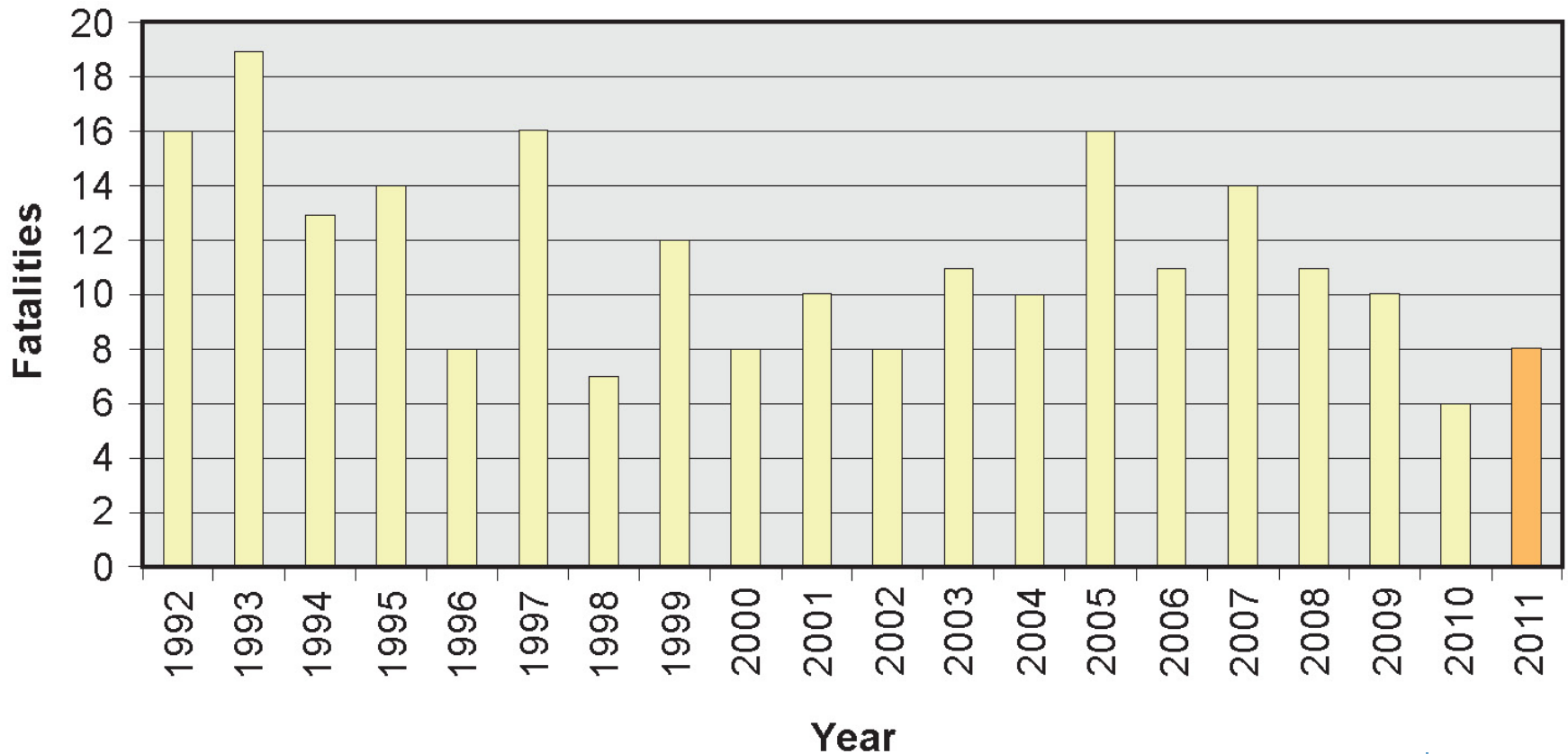
Traffic Fatalities: Vancouver compared to other Cities



source of data for cities other than Vancouver - 2010 New York City Pedestrian Safety Study and Action Plan

# Pedestrian Fatalities in Vancouver

## 1992-2011 Pedestrian Fatalities (VPD Data Source)

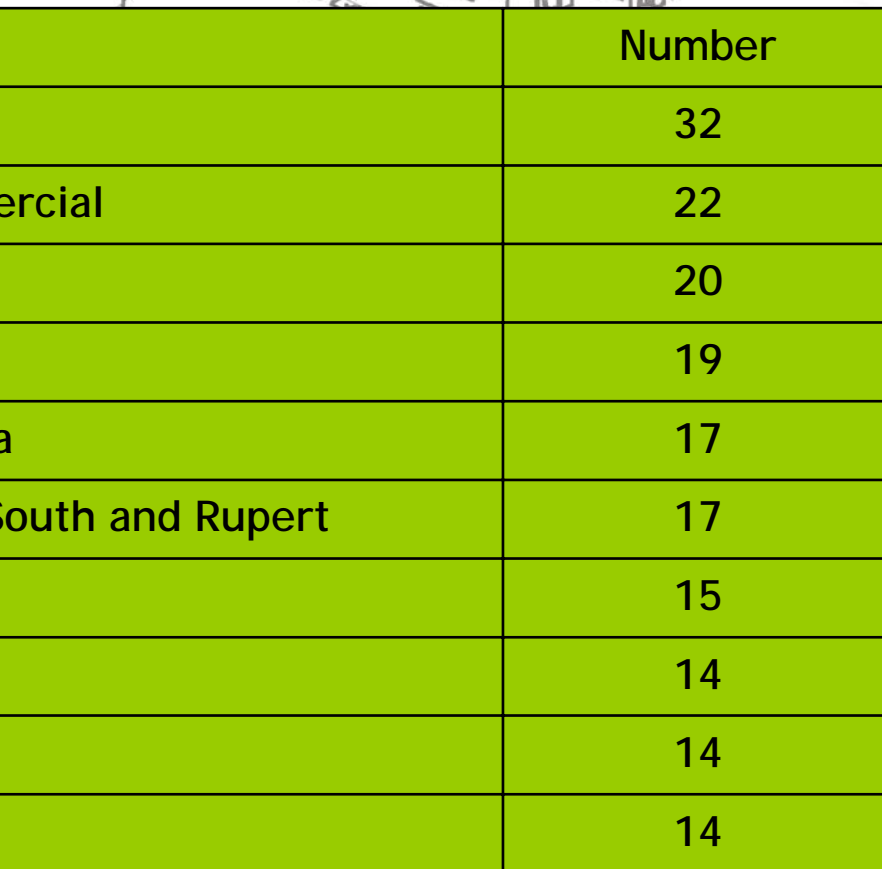


# Top 10 Pedestrian Collision Locations



# Top 10 Pedestrian Collision Locations

TOP 10 PEDESTRIAN  
COLLISION LOCATIONS  
2005-2009



Rank	Location	Number
1	Main and Hastings	32
2	Broadway and Commercial	22
3	Burrard and Davie	20
4	Kingsway and Joyce	19
5	Kingsway and Victoria	17
6	Grandview Highway South and Rupert	17
7	Broadway and Fraser	15
8	Burrard and Georgia	14
9	Main and Terminal	14
10	Broadway and Clark	14

# Recommendation A

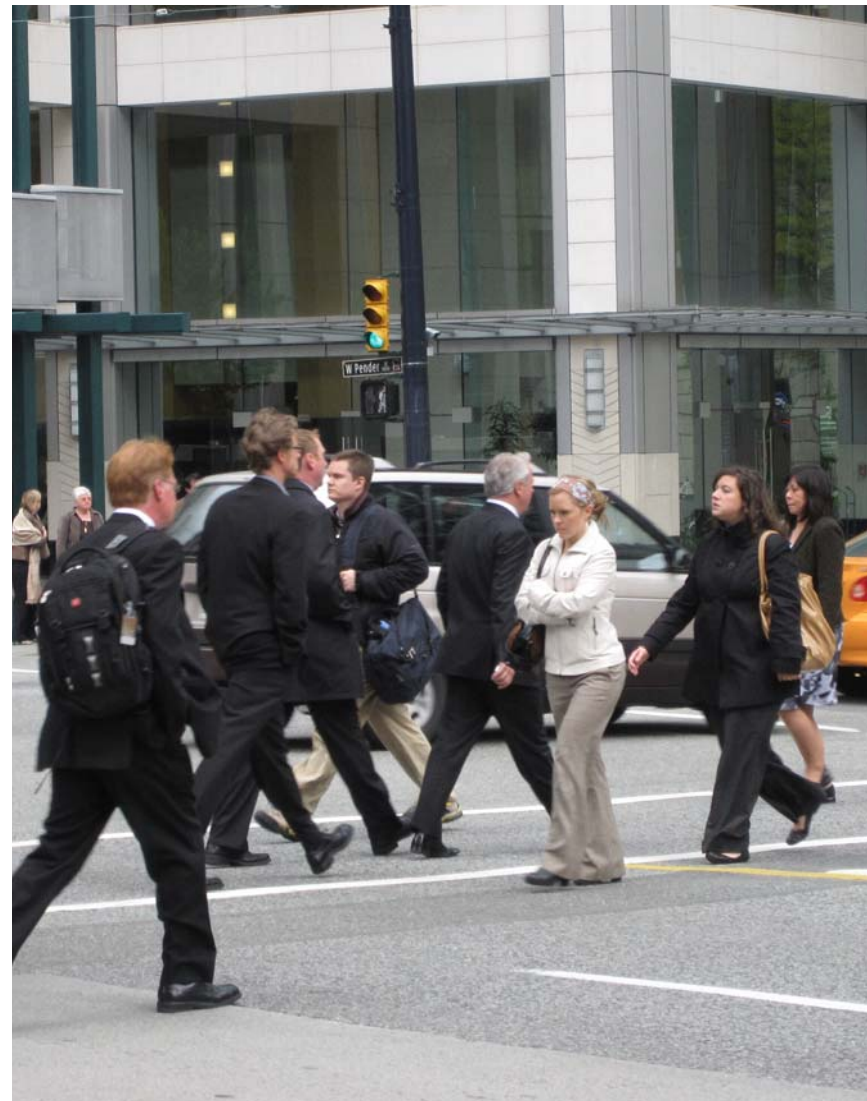
Immediate actions undertaken by Engineering to improve pedestrian safety and accessibility



# Recommendation A

## Intersection safety cameras

- 45 locations
- 32 cameras installed
- 7 of top 10 pedestrian collision locations





# Recommendation A

## Pedestrian countdown timers

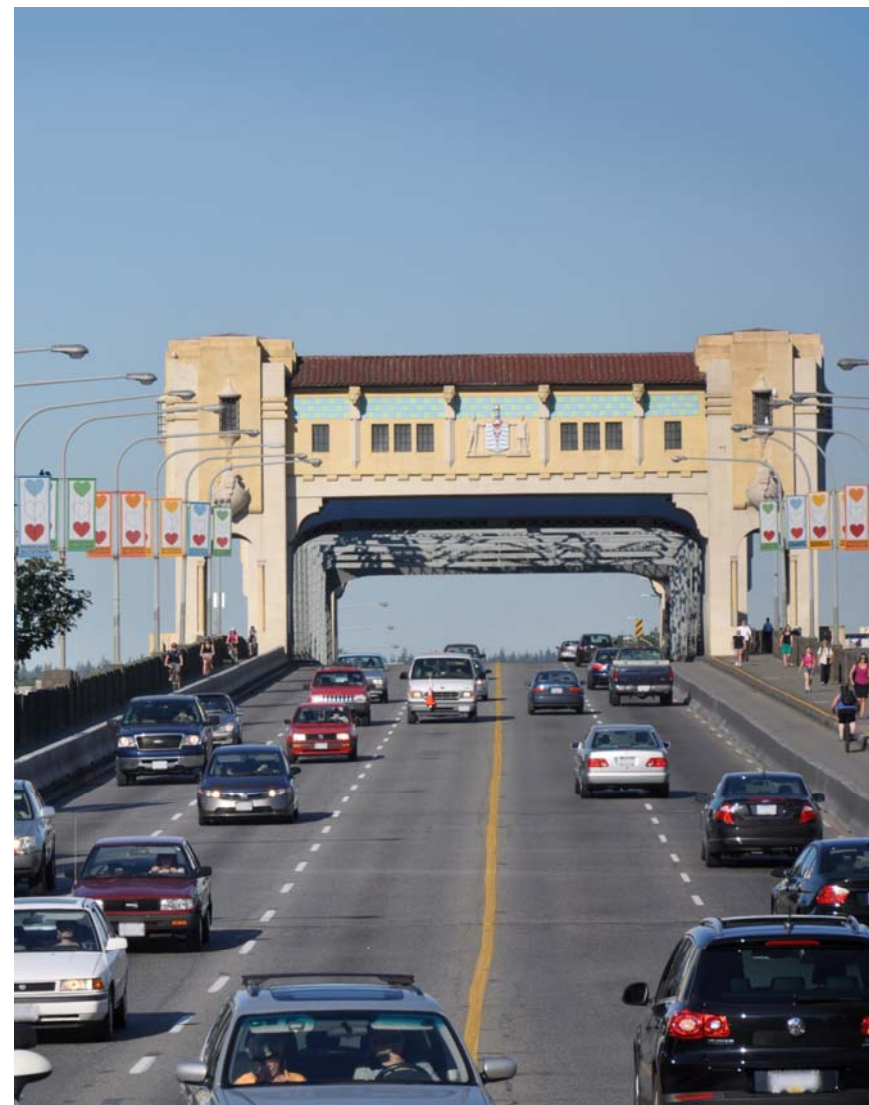
- top 10 pedestrian collision locations - this year
- on new signals – beginning next year



# Recommendation A

## Speed reader boards

- Oak and 33<sup>rd</sup>
- near Main and Hastings
- False Creek bridges



# Recommendation A

## Downtown Eastside pedestrian safety study

- pedestrian countdown timers
  - Main and Hastings
  - Pender and Carrall
- speed reader boards
  - Main and Hastings
- increased walk time



# Recommendation B

## Road safety awareness program

- pedestrians - cyclists - motorists
- education - enforcement
- City - ICBC – VPD
- autumn 2011



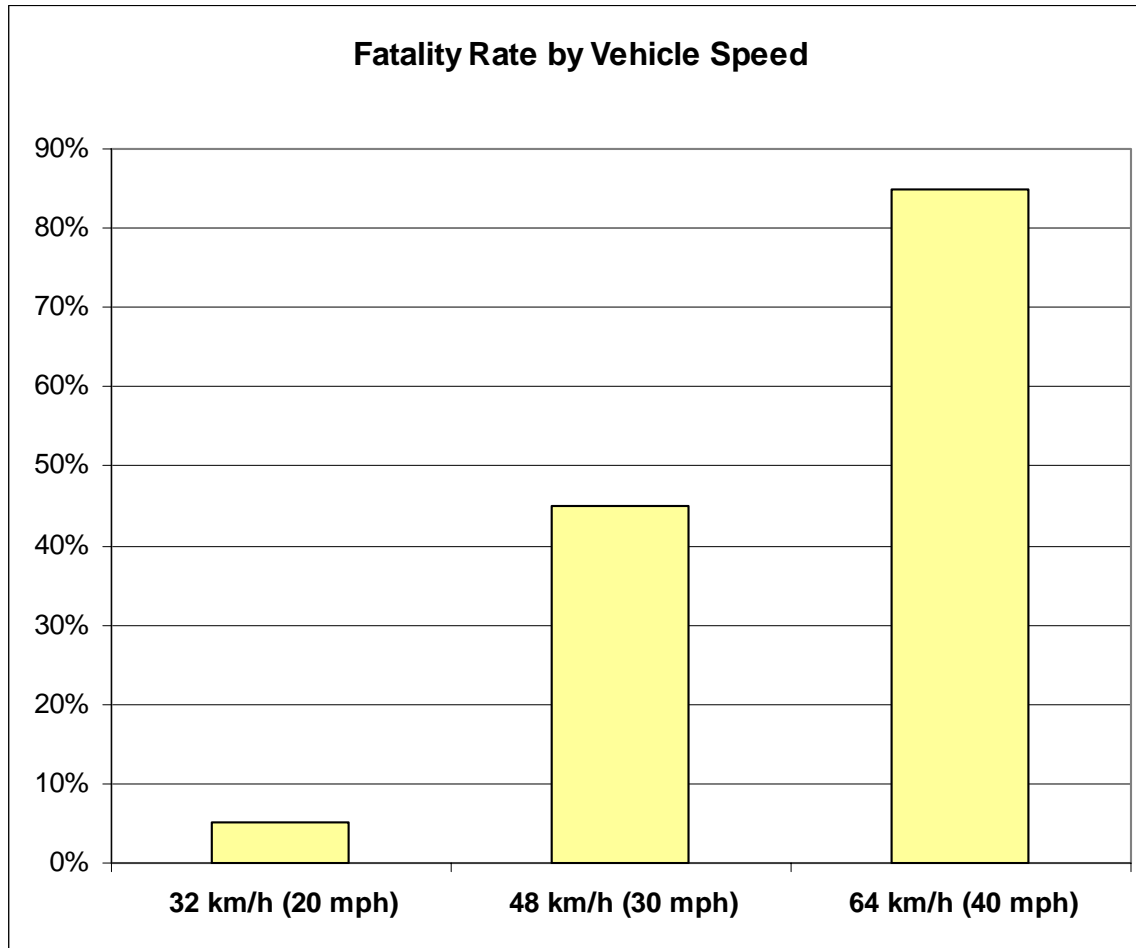
# Recommendation C

## 30km/h pedestrian safety zone

- Hastings - Abbott to Jackson
- reduces fatalities
- VANDU recommendation
- not supported by VPD



# Recommendation C



Source: VANDU 2010 Report *We're All Pedestrians* cited  
UK Dept of Transportation Report 1997, *Killing Speed and Saving Lives*

# Recommendation D

Active transportation advisory committee

Subcommittees include:

- pedestrian
- bicycle
- education/promotion



Photo: Paul Krueger

# Medium and Long Term Actions

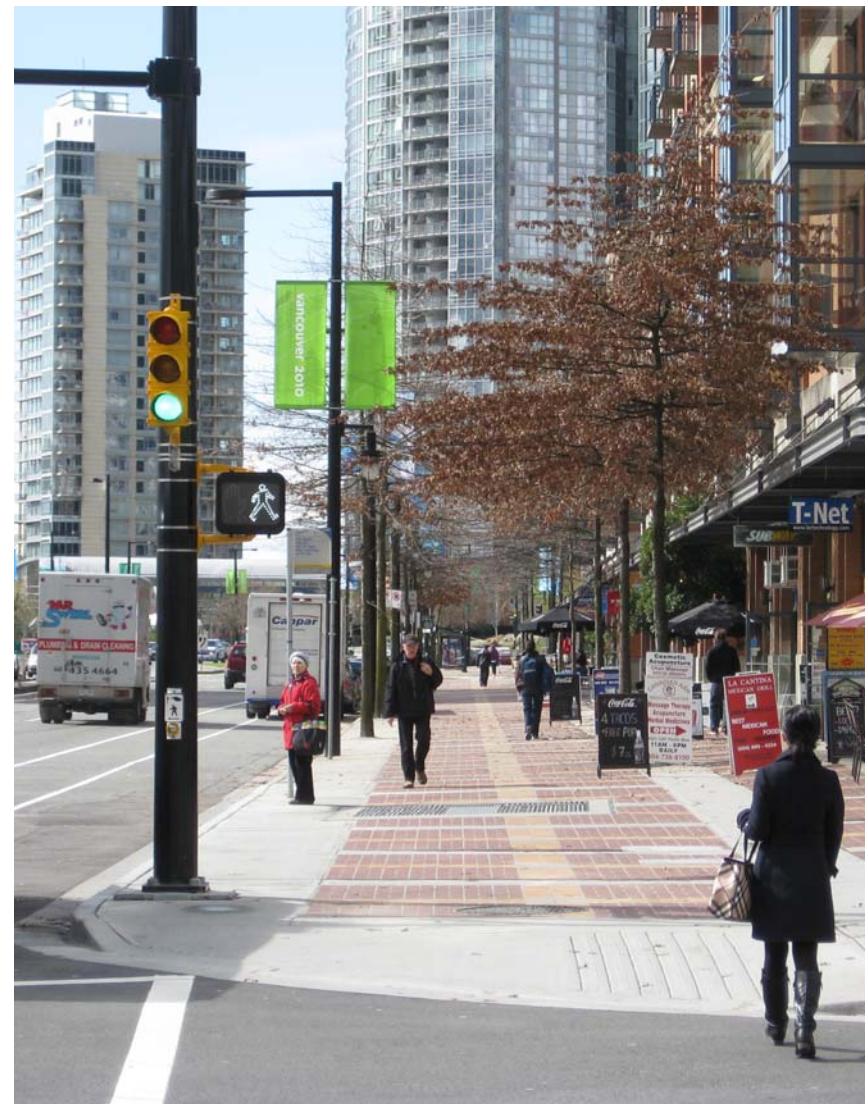
Pedestrian safety study and action plan

Pedestrian scramble review

Pedestrian conflict analysis model

Accessible pedestrian signals consultation

TransLink MRN sub-regional review





# Pedestrian Input Into the Transportation Plan



## Event locations

- high foot traffic
- good pedestrian, bicycle and transit access
- advertised in nearby commercial areas

# Pedestrian Input Into the Transportation Plan

## Foster partnerships

- centre for hip health and mobility
- ubc facebook focus group
- ubc metroquest
- vancouver board of trade



# Pedestrian Input Into the Transportation Plan

Engage advisory committees

- persons with disabilities
- seniors
- womens
- stakeholders (50+ members)





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